

Q 17

| | |
|---------------------------------|------------|
| TrxB gor ahpC* | Yes |
| TrxB gor ahpC* gshA | No |
| TrxB gor ahpC* grxA | No |
| <u>TrxB gor ahpC* trxA trxC</u> | <u>Yes</u> |

Please replace the paragraph at page 53, lines 25-26, with following paragraph:

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Example 12: Assay to determine whether AhpC* has glutathione (glutaredoxin) reductase activity

Please substitute the originally filed Sequence Listing with the substitute Sequence Listing enclosed herein.

Please substitute the originally filed Fig.8 with the substitute Fig.8 filed herewith. A copy of the substitute Fig.8 with changes marked thereon in red ink is also enclosed.

In the claims:

Please substitute originally filed claims 26 and 45 with the amended claims 26 and 45, respectively, set forth below:

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26. (Amended) The prokaryotic cell of claim 25, wherein the catalyst is a DsbC protein or an analog thereof which lack a signal peptide.

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45. (Amended) The prokaryotic cell of claim 44, wherein the catalyst is a DsbC protein which lacks a signal peptide.